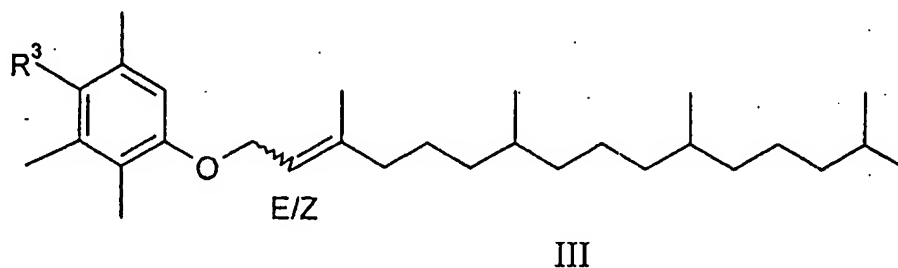


## IN THE CLAIMS

This listing of claims replaces all prior versions, and listings, in this application.

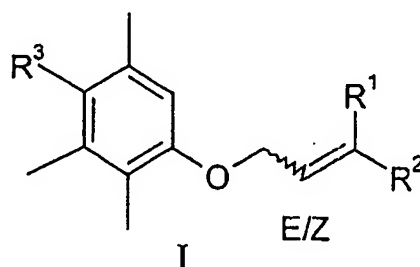
1. (Currently Amended) A process for the manufacture of compounds represented by the following formula III



wherein R<sup>3</sup> is C<sub>2-5</sub>-alkanoyloxy,

by the reaction of

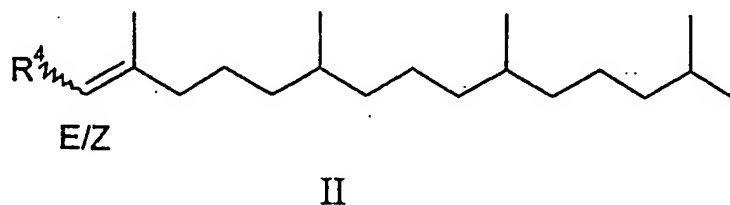
- a) a compound represented by the following formula I



wherein R<sup>1</sup> and R<sup>2</sup> are independently from each other H or C<sub>1-5</sub>-alkyl, with the proviso that at least one of R<sup>1</sup> and R<sup>2</sup> is not H, and

wherein R<sup>3</sup> is as defined above, with

- b) a compound represented by the following formula II

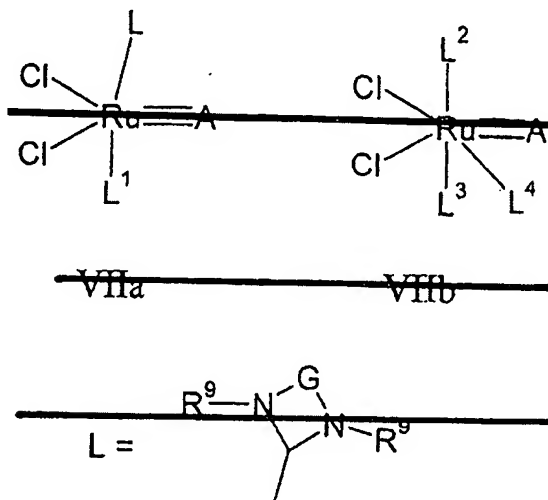


wherein R<sup>4</sup> is H or CH<sub>2</sub>-R<sup>5</sup>,

wherein R<sup>5</sup> is formyloxy, C<sub>2-5</sub>-alkanoyloxy, benzoyloxy, C<sub>1-5</sub>-alkoxy or OSiR<sup>6</sup>R<sup>7</sup>R<sup>8</sup>,

wherein R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> are independently from each other C<sub>1-6</sub>-alkyl or phenyl,

in the presence of a cross-metathesis catalyst, wherein the cross-metathesis catalyst is a ruthenium compound used in homogeneous catalysis, and wherein the ruthenium compound is one of the complexes represented by the following formulae VIIa, VIIb:



wherein R<sup>9</sup> is an optionally single or multiple C<sub>1-5</sub>-alkylated and/or C<sub>1-5</sub>-alkoxylated phenyl,

G is ethane-1,2-diyl, ethylene-1,2-diyl, cyclohexane-1,2-diyl or 1,2-diphenylethane-1,2-diyl,

L<sup>1</sup> is PR<sup>10</sup>R<sup>11</sup>R<sup>12</sup>,

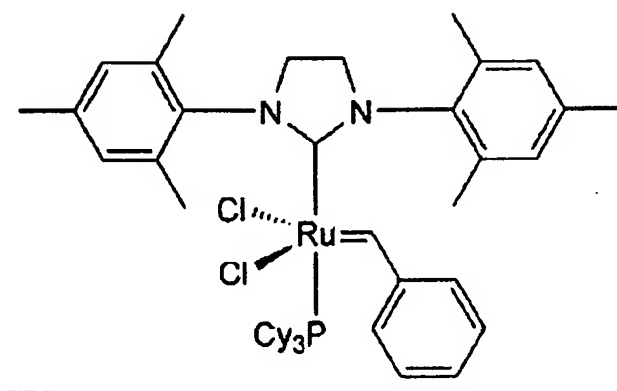
wherein R<sup>10</sup>, R<sup>11</sup> and R<sup>12</sup> are independently from each other C<sub>1-8</sub>-alkyl, phenyl or tolyl,

A is CH<sub>2</sub>, C(H)aryl, C(H)R<sup>13</sup>, C=C(R<sup>13</sup>)<sub>2</sub>, C=C(H)Si(R<sup>14</sup>)<sub>3</sub>, C(H)-C(H)=C(R<sup>13</sup>)<sub>2</sub>, C=C(H)(phenyl), C(H)-C(H)=C(phenyl)<sub>2</sub> or C=C:=C(phenyl)<sub>2</sub>,

wherein "aryl" is an optionally single or multiple C<sub>1-5</sub>-alkylated and/or halogenated phenyl, R<sup>13</sup> is C<sub>1-4</sub>-alkyl, R<sup>14</sup> is C<sub>1-6</sub>-alkyl or phenyl,

L<sup>2</sup> is L or L<sup>1</sup>, and

L<sup>3</sup> and L<sup>4</sup> are independently from each other pyridyl or 3-halopyridyl, wherein halo is Br or Cl



wherein Cy is cyclohexyl.

2-5. Canceled.

6. (Previously Presented) The process as claimed in claim 1, wherein the reaction is carried out in an aprotic organic solvent.

7. (Original) The process as claimed in claim 6, wherein the aprotic organic solvent is a dialkyl ether  $R^{18}-O-R^{19}$ , tetrahydrofuran, tetrahydropyran, 1,4-dioxane, methylene chloride, chloroform, cumene, an optionally once, twice or thrice methylated arylene, or a mixture thereof,

wherein  $R^{18}$  and  $R^{19}$  are independently from each other linear  $C_{1-4}$ -alkyl or branched  $C_{3-8}$ -alkyl.

8. (Original) The process as claimed in claim 7, wherein the aprotic organic solvent is tetrahydrofuran, methylene chloride, chloroform, toluene or a mixture thereof, preferably toluene.

9. (Previously Presented) The process as claimed in claim 6, wherein from about 3 ml to about 15 ml, preferably from about 4 ml to about 10 ml, more preferably from about 4.5

ml to about 8 ml of the aprotic organic solvent are used per mmol of compound a) or b), whichever is used in the lesser amount.

10. (Previously Presented) The process as claimed in claim 1, wherein the reaction is carried out essentially in the absence of an additional solvent.

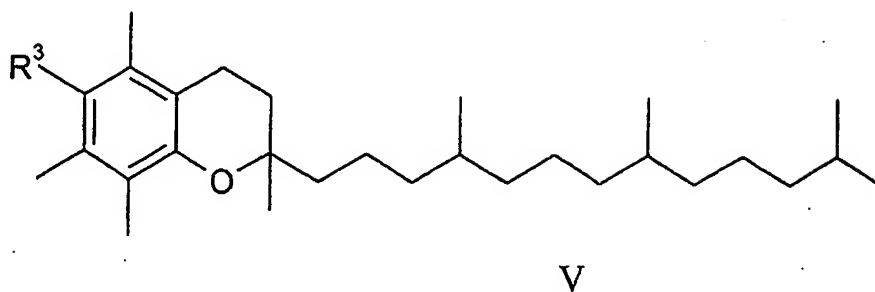
11. (Original) The process as claimed in claim 10, wherein the reaction is carried out in vacuo, preferably at a pressure below 100 mbar.

12. (Previously Presented) The process as claimed in claim 1, wherein the relative amount of the cross-metathesis catalyst to the amount of compound a) or b), whichever is used in the lesser amount, is from about 0.0001 mol% to about 20 mol%, preferably from about 1.0 mol% to about 10 mol%, more preferably from about 2 to about 5 mol%.

13. (Previously Presented) The process according to claim 1, wherein the molar ratio of compound a) to compound b) present in the reaction mixture is from about 1:10 to about 10:1, preferably from about 1:5 to about 5:1, more preferably from about 1:3 to about 1:2.5.

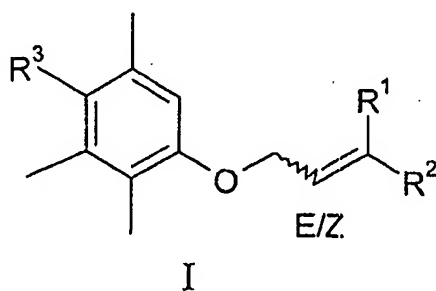
14. (Previously Presented) The process as claimed in claim 1 wherein the reaction is carried out at temperatures from about 10°C to about 120°C, preferably from about 30°C to about 100°C, especially from about 40°C to about 85°C.

15. (Currently Amended) A process for the manufacture of  $\alpha$ -tocopheryl alkanoates represented by the following formula V

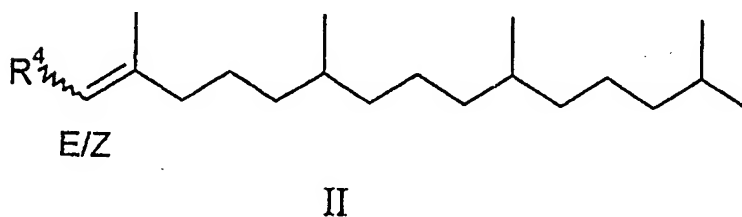


comprising the following steps:

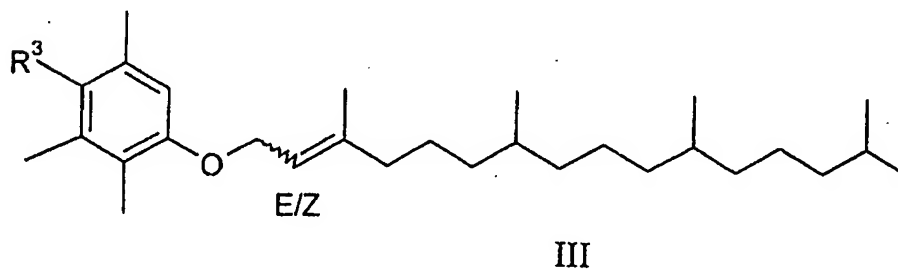
i) reacting of a compound represented by the following formula I



with a compound represented by the following formula II

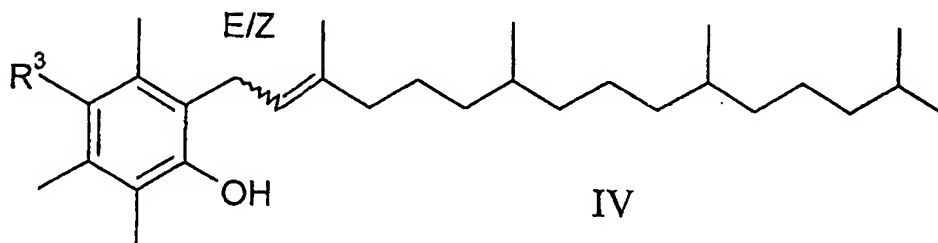


to a compound represented by the following formula III

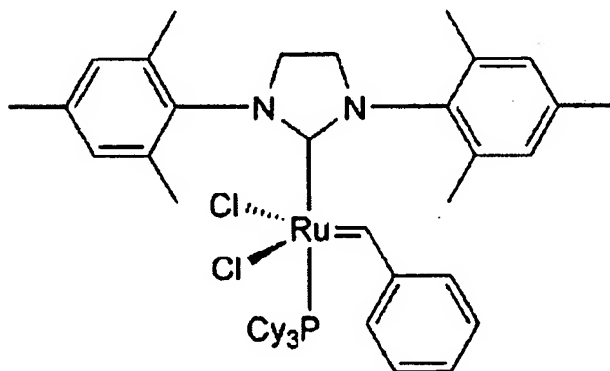


in the presence of a cross-metathesis catalyst,

ii) subjecting the compound represented by the formula III and obtained in step i) to a rearrangement to the compound represented by the following formula IV, and

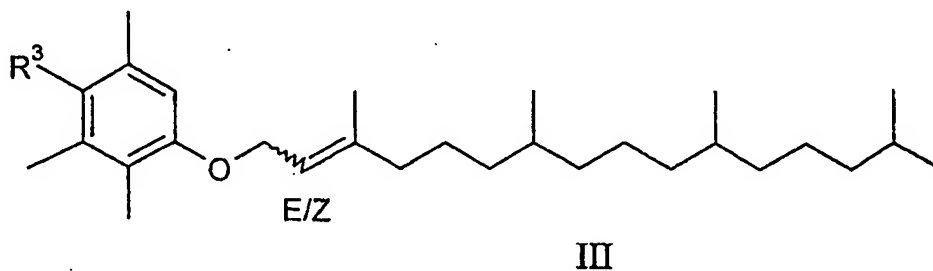


iii) subjecting the compound represented by the formula IV and obtained in step ii) to a cyclization to the compound represented by the formula V, wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> are as defined in claim 1, wherein the cross-metathesis catalyst is



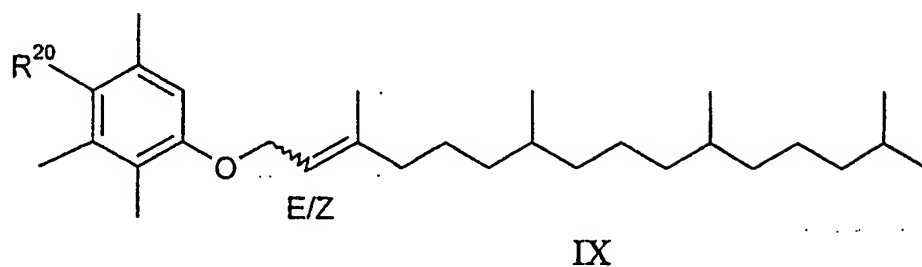
and wherein Cy is cyclohexyl.

16. (Original) Compounds of the formula III



wherein R<sup>3</sup> is C<sub>2-5</sub>-alkanoyloxy.

17. (Original) Compounds of the formula IX



wherein R<sup>20</sup> is C<sub>3-5</sub>-alkanoyloxy.

18-19. Canceled.